

**Bachelor of Science in Geological Sciences****Option V: Teaching, Senior Grades****Undergraduate Catalog 2010-2012****Suggested Four-Year Degree Plan**

<b><u>Fall</u></b>		<b><u>Spring</u></b>		<b><u>Summer</u></b>	
<b><u>taken</u></b>	<b><u>suggested (14 hours)</u></b>	<b><u>taken</u></b>	<b><u>suggested (15 hours)</u></b>	<b><u>taken</u></b>	<b><u>suggested (6 hours)</u></b>
_____	GEO 401 or 303	_____	GEO 404C <sup>spring</sup> * or 405 <sup>fall</sup> *	_____	HIS (3 hrs) <sup>4</sup>
_____	UG Studies 302 or 303 <sup>1</sup>	_____	CH 302 <sup>3*</sup>	_____	RHE 306
_____	M 408C <sup>2</sup>	_____	UTS 110 (Step 2)*	_____	
_____	CH 301	_____	BIO 311C	_____	
_____	UTS 101 (Step 1)				
<b><u>taken</u></b>	<b><u>suggested (14 hours)</u></b>	<b><u>taken</u></b>	<b><u>suggested (16 hours)</u></b>	<b><u>taken</u></b>	<b><u>suggested (6 hours)</u></b>
_____	GEO 416K <sup>fall</sup> *	_____	GEO 420K or 320L <sup>summer</sup> *	_____	GOV 310L
_____	GEO 416M *	_____	HIS 329U or PHL 329U	_____	E 316K *
_____	BIO 311 D*	_____	PHY 303K/103M <sup>5*</sup>	_____	
_____	EDC 365C*	_____	Social Science <sup>6</sup> (3 hr)	_____	
		_____	EDC 365D*	_____	
<b><u>taken</u></b>	<b><u>suggested (16 hours)</u></b>	<b><u>taken</u></b>	<b><u>suggested (17 hours)</u></b>	<b><u>taken</u></b>	
_____	GEO Elective (UD) (4 hrs) <sup>7</sup>	_____	GEO Elective (UD) (3 hrs) <sup>7</sup>	_____	
_____	GOV 312L*	_____	MNS 307	_____	
_____	PHY 303L/103N <sup>5*</sup>	_____	Science Elective <sup>6</sup> (UD) (3 hrs)	_____	
_____	Science Elective <sup>6</sup> (3 hrs)	_____	GEO 335* <sup>spring</sup>	_____	
_____	BIO337, CHEM337, or PHY337*	_____	Foreign Language 506 (only if less than two years in high school)	_____	
<b><u>taken</u></b>	<b><u>suggested (15 hours)</u></b>	<b><u>taken</u></b>	<b><u>suggested (7 hours)</u></b>	<b><u>taken</u></b>	
_____	Visual and Performing Arts (3 hrs) <sup>8</sup>	_____	EDC 650S*	_____	
_____	GEO Elective (UD) (3 hrs)	_____	UTS 170*	_____	
_____	EDC 365E*	_____		_____	
_____	HIS (3 hrs) <sup>4</sup>			_____	
_____	AST 303 or 307 or 367M			_____	
_____	Elective (1 hr)			_____	

**Minimum Number of Hours Required for this Degree: 128**

Writing flag: Two courses (one must be upper division) are required. Courses are identified in the Course Schedule.

UD: Must include 12 hours of upper-division courses in residence, outside of geology.

<sup>1</sup> First Year Signature Course

<sup>2</sup> Math 408K, 408L, and 408M may be taken instead.

<sup>3</sup> Step 1 and Step 2 are offered as an accelerated summer class instead

<sup>4</sup> Requires 6 hours of American History, 3 of these hours may be in Texas History; consult the University Core Curriculum list for allowable courses.

<sup>5</sup> Physics 301/101L and 316/116L or Physics 302K/102M and 302L/102N or an equivalent sequence may be taken instead.

<sup>6</sup> Includes 3 hours Anthropology, Economics, Geography, Linguistics, Psychology, or Sociology; consult the University Core Curriculum list for allowable courses.

A total of 12 semester hours in one of the following areas: BIOLOGY, CHEMISTRY, or PHYSICS.

<sup>7</sup> Must include enough upper-division Geology to reach a minimum of 28 hours of Geology, 12 upper division.

<sup>8</sup> Courses in Architecture, Classics, Fine Arts, or Philosophy; consult the University Core Curriculum list for allowable courses.

\* prerequisite required

fall/spring/summer Indicates that this course is normally offered that semester.

When the number of credit hours per semester varies, the smaller number is used in the total.

The courses listed above will meet degree requirements for this degree; however, all students are required to fulfill the University Core Requirements for graduation. Therefore, additional courses may be required. Check with your academic advisor.

Scholarships for UTeach Students from <http://uteach.utexas.edu/Students/Scholarships>

### **AISD Future Teacher Scholarship**

The AISD Future Teacher Scholarship Program provides an incentive to students who certify to teach in critical shortage areas for the state of Texas. There is NO OBLIGATION to teach in AISD or anywhere. Students seeking math, science, computer science, or engineering certification through the UTeach Program and who are in their last four semesters of the program are encouraged to fill out the form to access these funds. All full-time students who have a cumulative GPA of 2.5 or higher are eligible.

To renew the award, come into the UTeach office and sign the original form again. It's that simple. Undergraduate students can receive up to \$5,000 over four semesters (\$1,000 per semester, increasing to \$1,500 the last two semesters). It is the student's responsibility to sign for the scholarship each semester. Email notification is sent to students reminding them to apply for or renew the scholarship by the deadline. There is no commitment on the student's part to teach in AISD if they receive the scholarship. However, if they receive the money and do not complete the UTeach Certification Program, they may be required to repay the amount they received.

**All applicants meeting the minimum requirements are automatically awarded this scholarship, as long as funds are available from AISD.** Awards are generally disbursed during the first two weeks of classes. Students who have not received funds after the first two weeks of classes should inform the UTeach office at 512 232 2770.

### **Greater Texas Foundation Scholarship**

Through a generous gift from the Greater Texas Foundation, we are pleased to offer up to a \$1,000 scholarship to science, mathematics, and computer science majors who explore the possibility of becoming high school and middle school teachers. This scholarship is available to science, mathematics, and computer science majors who take the first two courses in the UTeach sequence, UTS 101 and UTS 110 (Step I and Step II). Students chosen for this scholarship will be awarded \$500 at the completion of Step 1 with a B or better, and another \$500 at the completion of Step II with a B or better. The hope is that these students will continue on to obtain certification through UTeach, but should do so only if it is right for them. There is no further obligation. Eligible students may pick up an application from the UTeach office in PAI 4.02.

Eligibility: Declared undergraduate science, mathematics, and computer science majors currently registered for either UTS 101 or UTS 110. Retroactive scholarships are not available. The scholarship is not available to degree-holders. Eligible students may pick up an application from the UTeach office in PAI 4.02 or from any physics academic advisor.

During fall semesters, applications are accepted beginning the second week of October through November 30th. During spring semesters, applications are accepted beginning the second week of March through April 30th. If the deadline day falls on the weekend, applications will be accepted the next business day. Students receiving the award are notified through a Secure Academic Note.

### **The Hartman Foundation, Inc. Scholarship**

The intent of this scholarship is to increase the number of highly qualified secondary teachers in the areas of mathematics and science. Natural Sciences students seeking math, science, or computer science certification through the UTeach Program, and who are in their last four semesters of the program, are encouraged to apply. See the application for a complete list of eligibility requirements. The Hartman Scholarship is restricted to undergraduates.

Undergraduate students can receive full tuition, course-related and qualifying university fees, plus \$200 per semester toward books and/or instructional materials per academic year.

A Hartman Foundation representative contacts scholarship candidates for an interview. Students generally know if they are awarded the scholarship the same day as the interview. Students who apply in the spring for fall scholarships may be contacted during middle to late August for an interview; students applying for spring scholarships would be interviewed early to mid-January. Interviews are generally not conducted during university breaks or during the summer.

Hartman awards are disbursed after the 1st class day of the semester, so be prepared to make arrangements for tuition.

Applications are accepted beginning the second week of October through November 30th during fall semesters, and beginning the second week of March through April 30 during spring semesters. If the deadline day falls on the weekend, applications will be accepted the next business day. Email notification is sent to students reminding them to apply for the scholarship by the deadline. Students who were previously awarded the scholarship must renew their award each semester by sending the Hartman Foundation representative grade reports and other requested documentation.

**Note:** Hartman scholars will be subject to a forgivable promissory note and loan agreement. Funds provided will be forgiven based on fulfillment of the five (5) year teaching obligation, for every year taught of the immediate six (6) years following graduation. Students who do not pursue science/mathematics education via the UTeach program or who fail to meet the conditions in the scholarship agreement will repay either the full amount of the scholarship received or a prorated amount according to the fraction of teaching employment obligation not completed.

### **College of Education Scholarships**

The purpose of these scholarships is to assist upper-division undergrads as well as degree-holders who are pursuing teacher certification in science, mathematics, or engineering. These awards, between \$1000 and \$2500, are made possible by multiple donors in support of pre-service teachers who are committed to teaching science, mathematics, or engineering at the secondary level. Awards have differing criteria, like financial need, GPA, or having gone to high school in Texas. You are applying for multiple awards with one application. You do not have to meet all criteria in order to apply. If you are pursuing teacher certification in science, mathematics, or engineering, you should apply. The selection committee will review applications and make awards accordingly.

Students may submit the application at any time before the due date, April 15th of each spring semester. Applications are considered at the end of the spring semester during each award period. Students are notified as soon as possible.

**IMPORTANT:** These endowed scholarships are administered through the College of Education. If you have questions about eligibility, the application, the selection process, or distribution, please talk to Stephen Flynn in the College of Education.